UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,359,928 B2

Page 1 of 2

APPLICATION NO.: 10/701150

DATED

: April 15, 2008

INVENTOR(S)

: Domenico Porto, Marco Branciforte and Lucio Tecli

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2, Line 55

Delete: "infective"

Insert: --injective--

Column 3, Line 16

Delete: "hk"

Insert: $--h \cdot k$ --

Column 3, Line 26

Delete: "number,"

Insert: --number),--

Column 3, Line 28

Delete: "joing"

Insert: --joint--

Column 3, Line 67

Delete: " $U_F = i$ "

Insert: -- $U_F|j\rangle = |i\rangle$ --

Column 5, Eq. 6

Delete: "D_nI"

Insert: --D_n⊗I--

Column 6, Line 36

Delete: "|0010>"

Insert: -- 10010> --

Column 6, Line 36

Delete: "|0111>"

Insert: -- (0111) --

Column 6, Line 53

Delete: "|011>"

Insert: -- |011> --

Column 7, Line 6

Delete: "|011>"

Insert: -- |011> --

Column 7, Line 13

Delete: "D_nI"

Insert: $-D_n \otimes I$ --

Column 9, Line 41

Delete: "|0000> and |0001>"

Insert: -- $|0000\rangle$ and $|0001\rangle$ --

Column 9, Line 44

Delete: "|000>"

Insert: -- |000> --

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Column 9, Line 53

Delete: "D_nI"

Insert: $--D_n \otimes I$ ---

Column 9, Line 55

Delete: "D_nI"

Insert: $-D_n \otimes I$ --

Column 9, Line 58

Delete: "1/2ⁿ⁻¹"

Insert: $-1/2^{n-1}$ ---

Column 9, Line 62

Delete: "D_nI"

Insert: --D_n⊗I---

Column 9, Line 64

Delete: "1/2ⁿ⁻¹"

Insert: --1/2ⁿ⁻¹--

Column 10, Line 62

Delete: " $[-1/\sqrt{2} \div 1/\sqrt{2}, \sqrt{2}]$ "

Insert: -- $[-1/\sqrt{2} \div 1/\sqrt{2}]$ --

Column 12, Line 65

Delete: "According"

Insert: --according--

Signed and Sealed this

Seventh Day of October, 2008

JON W. DUDAS Director of the United States Patent and Trademark Office